

Biology part 2 test Ch# 15

Marks:30

SECTION-I

Q1. Encircle the correct answer. Cutting, erasing, over-writing and use of lead pencil will credit ZERO marks. 08

1. When we place a cell in hypertonic environment it
a) becomes turgid b) bursts c) becomes flaccid d) remains constant
2. Which one is not the osmoregulatory strategy in marine fishes?
a) retaining urea b) excretion of diluted urine
c) drinking water d) secreting salts by rectal glands
3. Bilirubin is the breakdown product of
a) Protein b) Hemoglobin c) Nitrogenous bases d) both a & b
4. Leaves of Hydrophytes
a) Have stomata on lower surface b) have stomata in depressions
c) are modified into spines d) have large surface area for evaporation
5. Which one is not related with Plants for Thermoregulation?
a) Evaporating cooling b) Heat shock proteins
c) Sweat glands activity d) Both a & b
6. Which of the following is not formed during urea cycle
a) Citruline b) Arginine c) Creatinine d) Ornithine
7. ADH released from posterior pituitary lobe acts to actively transport water from filtrate to kidney in?
a) proximal tubule b) distal tubule c) collecting tubule d) loop of henle
8. Incidence of Calcium stones in kidney is?
a) 70% b) 10% c) 15% d) 85%

SECTION-II

Q2. Give short answers of the followings. 14

- i. Define homeostasis?
- ii. What is Anhydrobiosis?
- iii. What is Pyrexia?
- iv. Describe any two functions of Liver in Homeostasis.
- v. Differentiate between endotherms and ectotherms.
- vi. Why filtration takes place in Glomerulus?
- vii. Write formulae of urea and uric acid.

SECTION-III

Q3.Long Questions: 08

(A) Write a note on excretion in plants.

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(B) Describe kidney stones and their cure.

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